

chain nodes :

23 24 25

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

chain bonds :

3-23 6-15 10-14 23-25 23-24

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-17 14-15
15-16 16-17 16-18 17-21 18-19 19-20 20-21

exact/norm bonds :

3-23 13-14 13-17 16-17 16-18 17-21 18-19 19-20 20-21 23-25 23-24

exact bonds :

6-15 10-14 14-15 15-16

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

isolated ring systems :

containing 1 : 7 : 13 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom
23:CLASS 24:CLASS 25:CLASS

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated
 and searchable
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in
 CA/CAPLUS
NEWS 5 FEB 05 German (DE) application and patent publication number format
 changes
NEWS 6 MAR 03 MEDLINE and LMedline reloaded
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPIFV now available on STN
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12 APR 26 PROMT: New display field available
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field
 available
NEWS 14 APR 26 LITAlert now available on STN
NEWS 15 APR 27 NLDB: New search and display fields available
NEWS 16 May 10 PROUSDDR now available on STN
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May
 and June 2004
NEWS 18 May 12 EXTEND option available in structure searching
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20 May 17 FRFULL now available on STN
NEWS 21 May 27 STN User Update to be held June 7 and June 8 at the SLA 2004
 Conference
NEWS 22 May 27 New UPM (Update Code Maximum) field for more efficient patent
 SDIs in CAPLUS
NEWS 23 May 27 CAPLUS super roles and document types searchable in REGISTRY
NEWS 24 May 27 Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
 specific topic.

All use of STN is subject to the provisions of the STN Customer
 agreement. Please note that this agreement limits use to scientific
 research. Use for software development or design or implementation
 of commercial gateways or other similar uses is prohibited and may
 result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:59:40 ON 02 JUN 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:59:46 ON 02 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 1 JUN 2004 HIGHEST RN 688308-86-3
DICTIONARY FILE UPDATES: 1 JUN 2004 HIGHEST RN 688308-86-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

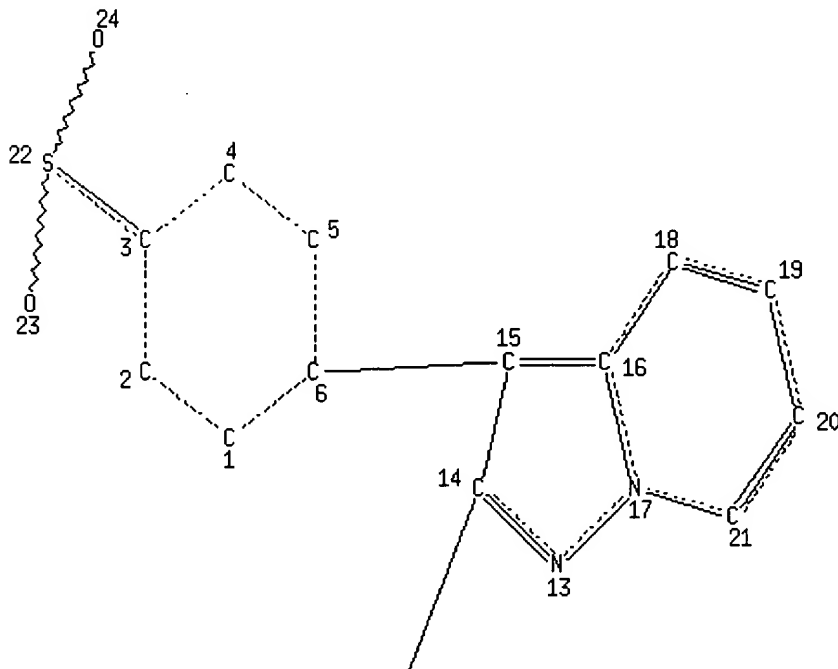
=>

L1 STRUCTURE UPLOADED

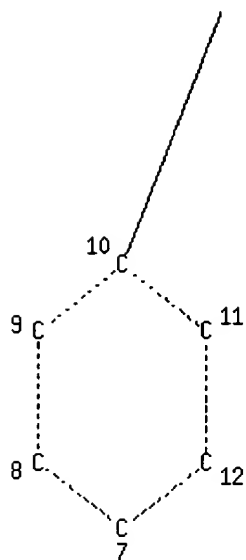
=> d 11

L1 HAS NO ANSWERS

L1 STR



Page 1-A



Page 2-A

NODE ATTRIBUTES:

NSPEC	IS R	AT	1
NSPEC	IS R	AT	2
NSPEC	IS R	AT	3
NSPEC	IS R	AT	4
NSPEC	IS R	AT	5
NSPEC	IS R	AT	6
NSPEC	IS R	AT	7
NSPEC	IS R	AT	8
NSPEC	IS R	AT	9
NSPEC	IS R	AT	10
NSPEC	IS R	AT	11
NSPEC	IS R	AT	12
NSPEC	IS R	AT	13
NSPEC	IS R	AT	14
NSPEC	IS R	AT	15
NSPEC	IS R	AT	16
NSPEC	IS R	AT	17
NSPEC	IS R	AT	18
NSPEC	IS R	AT	19
NSPEC	IS R	AT	20
NSPEC	IS R	AT	21
NSPEC	IS C	AT	22
NSPEC	IS C	AT	23
NSPEC	IS C	AT	24

DEFAULT MLEVEL IS ATOM
 MLEVEL IS CLASS AT 22 23 24
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I
 NUMBER OF NODES IS 24

STEREO ATTRIBUTES: NONE

=> s 11

SAMPLE SEARCH INITIATED 14:02:53 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 14 TO ITERATE

```
100.0% PROCESSED      14 ITERATIONS                      7 ANSWERS
SEARCH TIME: 00.00.01
```

```

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:   56 TO      504
PROJECTED ANSWERS:      7 TO      298

```

L2 7 SEA SSS SAM L1

=> s ll full

```
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 14:02:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      287 TO ITERATE
```

```
100.0% PROCESSED      287 ITERATIONS                      148 ANSWERS
SEARCH TIME: 00.00.01
```

L3 148 SEA SSS FUL L1

```
=> file hcaplus
```

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	157.10	157.31

FILE 'HCAPLUS' ENTERED AT 14:03:02 ON 02 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 2 Jun 2004 VOL 140 ISS 23
FILE LAST UPDATED: 1 Jun 2004 (20040601/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4 7 L3

=> s 14 and baxter, i?/au

92 BAXTER. I?/AU

L5 0 L4 AND BAXTER. I?/AU

=> s 14 and naylor, a??au

'?' TRUNCATION SYMBOL NOT VALID WITHIN 'A??AU'

The truncation symbol ? may be used only at the end of a search

term. To specify a variable character within a word use '!', e.g., 'wom!n' to search for both 'woman' and 'women'. Enter "HELP TRUNCATION" at an arrow prompt (=>) for more information.

=> s 14 and naylor, a?/au
314 NAYLOR, A?/AU
L6 4 L4 AND NAYLOR, A?/AU

=> d 16, ibib abs fhitr, 1-4

L6 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
-----------	-------------------

ACCESSION NUMBER:	2001:581708 HCAPLUS
DOCUMENT NUMBER:	135:147440
TITLE:	Use of cyclooxygenase-2 (COX-2) inhibitors as gastroprokinetic agents
INVENTOR(S):	Mangel, Allen Wayne; Naylor, Alan
PATENT ASSIGNEE(S):	GlaxoSmithKline, UK
SOURCE:	PCT Int. Appl., 28 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

gastroprokinetic
It's been allowed

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001056573	A1	20010809	WO 2001-GB423	20010201
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1259239	A2	20021127	EP 2001-902541	20010201
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003521516	T2	20030715	JP 2001-556472	20010201
US 2003022897	A1	20030130	US 2002-182080	20020725
PRIORITY APPLN. INFO.:			GB 2000-2336	A 20000201
			WO 2001-GB423	W 20010201

AB The invention provides a COX-2 inhibitor or a pharmaceutically acceptable deriv. thereof for use in the treatment of a disorder ameliorated by a gastroprokinetic agent.

IT 267235-56-3

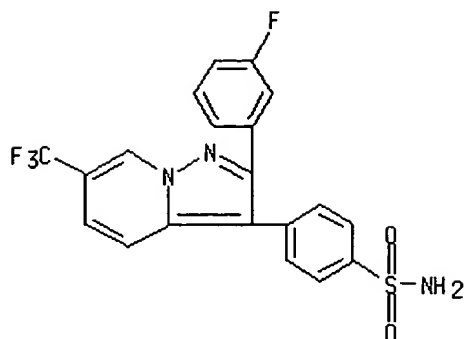
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(cyclooxygenase-2 inhibitors as gastroprokinetic agents)

RN 267235-56-3 HCAPLUS

CN Benzenesulfonamide, 4-[2-(3-fluorophenyl)-6-(trifluoromethyl)pyrazolo[1,5-a]pyridin-3-yl]- (9CI) (CA INDEX NAME)

00P



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
-----------	-------------------

ACCESSION NUMBER: 2001:581693 HCAPLUS
DOCUMENT NUMBER: 135:147439
TITLE: Use of cyclooxygenase-2 (COX-2) inhibitors for constipation
INVENTOR(S): Mangel, Allen Wayne; **Naylor, Alan**
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 21 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

ODP

10/1182169

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001056555	A2	20010809	WO 2001-GB416	20010201
WO 2001056555	A3	20020808		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1251839	A2	20021030	EP 2001-948935	20010201
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003521511	T2	20030715	JP 2001-556247	20010201
US 2003013717	A1	20030116	US 2002-182169	20020725
PRIORITY APPLN. INFO.:				
			GB 2000-2312	A 20000201
			WO 2001-GB416	W 20010201

AB The invention provides a COX-2 inhibitor or a pharmaceutically acceptable deriv. thereof for use in the treatment of constipation.

IT 267235-56-3

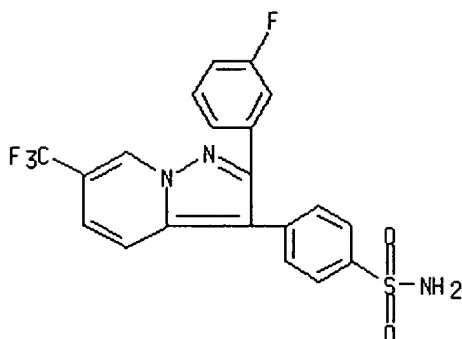
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(cyclooxygenase-2 inhibitors for treatment of constipation)

RN 267235-56-3 HCAPLUS

CN Benzenesulfonamide, 4-[2-(3-fluorophenyl)-6-(trifluoromethyl)pyrazolo[1,5-

alpyridin-3-yl]- (9CI) (CA INDEX NAME)



L6 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2004 ACS on STN

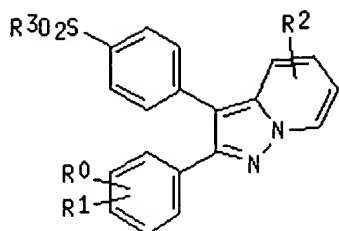
Full Text	Citing References
-----------	-------------------

ACCESSION NUMBER: 2000:628138 HCAPLUS
 DOCUMENT NUMBER: 133:222726
 TITLE: Preparation of pyrazolopyridines as selective inhibitors of COX-2
 INVENTOR(S): Campbell, Ian Baxter; Lambeth, Paul Francis; **Naylor, Alan**; Pegg, Neil Anthony
 PATENT ASSIGNEE(S): Glaxo Group Limited, UK
 SOURCE: PCT Int. Appl., 40 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

NO *different* *ref*

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000052008	A1	20000908	WO 1999-EP10263	19991222
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1157025	A1	20011128	EP 1999-968808	19991222
EP 1157025	B1	20040310		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
JP 2002538157	T2	20021112	JP 2000-602234	19991222
AT 261444	E	20040315	AT 1999-968808	19991222
US 6498166	B1	20021224	US 2001-890925	20010830
PRIORITY APPLN. INFO.:			GB 1999-4506	A 19990227
			GB 1999-20904	A 19990903
			WO 1999-EP10263	W 19991222

OTHER SOURCE(S): MARPAT 133:222726
 GI



AB The title compds. [I; R0, R1 = H, halo, alkyl, etc.; R2 = halo, CN, CONR4R5, etc.; R3 = alkyl, NH2; R4, R5 = H, alkyl, (un)substituted Ph; NR4R5 = satd. 4-8 membered ring] which are potent and selective inhibitors of COX-2 and are of use in the treatment of the pain, fever, inflammation of a variety of conditions and diseases, were prepd. and formulated. E.g., a multi-step synthesis of I [R0 = 4-F; R1 = H; R2 = 6-CN; R3 = NH2] which showed IC50 of 21 nM against COX-2 vs. IC50 of 20,950 nM against COX-1, was given.

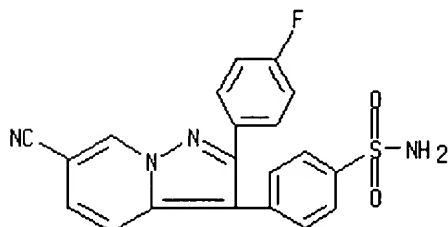
IT 291743-84-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of pyrazolopyridines as selective inhibitors of COX-2)

RN 291743-84-5 HCAPLUS

CN Benzènesulfonamide, 4-[6-cyano-2-(4-fluorophenyl)pyrazolo[1,5-a]pyridin-3-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
-----------	-------------------

ACCESSION NUMBER: 2000:314697 HCAPLUS

DOCUMENT NUMBER: 132:321858

TITLE: Preparation of pyrazolopyridines as selective COX-2 inhibitors

INVENTOR(S): Campbell, Ian Baxter; Naylor, Alan

PATENT ASSIGNEE(S): Glaxo Group Limited, UK

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000026216	A1	20000511	WO 1999-EP8186	19991101
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,				

Same as App
But
Gaul-Jah

IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

BR 9915011 A 20010807 BR 1999-15011 19991101

EP 1127058 A1 20010829 EP 1999-955897 19991101

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO

TR 200101208 T2 20011022 TR 2001-200101208 19991101

JP 2002528547 T2 20020903 JP 2000-579604 19991101

JP 3420751 B2 20030630

NZ 511349 A 20031031 NZ 1999-511349 19991101

AU 767464 B2 20031113 AU 2000-12667 19991101

ZA 2001003344 A 20020724 ZA 2001-3344 20010424

NO 2001002156 A 20010702 NO 2001-2156 20010502

PRIORITY APPLN. INFO.:

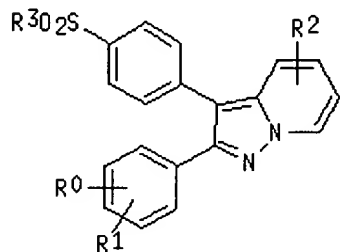
GB 1998-24062 A 19981103

GB 1999-20909 A 19990903

WO 1999-EP8186 W 19991101

OTHER SOURCE(S): MARPAT 132:321858

GI



I

AB The title compds. [I; R0, R1 = H, halo, alkyl, etc.; R2 = H, alkyl, alkyl substituted by one or more fluorine atoms, etc.; R3 = alkyl, NH2] which are potent and selective inhibitors of COX-2 and are of use in the treatment of the pain, fever, inflammation of a variety of conditions and diseases, were prepd. and formulated. E.g., a multi-step synthesis of I [R0 = 3-F; R1 = H; R2 = 6-CF3; R3 = NH2] which showed IC50 of 34 nM against COX-2, was given.

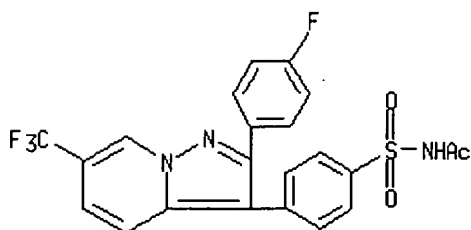
IT 267235-24-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of pyrazolopyridines as selective COX-2 inhibitors)

RN 267235-24-5 HCAPLUS

CN Acetamide, N-[[4-[2-(4-fluorophenyl)-6-(trifluoromethyl)pyrazolo[1,5-a]pyridin-3-yl]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 13:59:40 ON 02 JUN 2004)

FILE 'REGISTRY' ENTERED AT 13:59:46 ON 02 JUN 2004

L1 STRUCTURE UPLOADED
L2 7 S L1
L3 148 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 14:03:02 ON 02 JUN 2004

L4 7 S L3
L5 0 S L4 AND BAXTER, I?/AU
L6 4 S L4 AND NAYLOR, A?/AU

=> s 14 not 16

L7 3 L4 NOT L6

=> d 17, ibib abs fhitrstr, 1-3

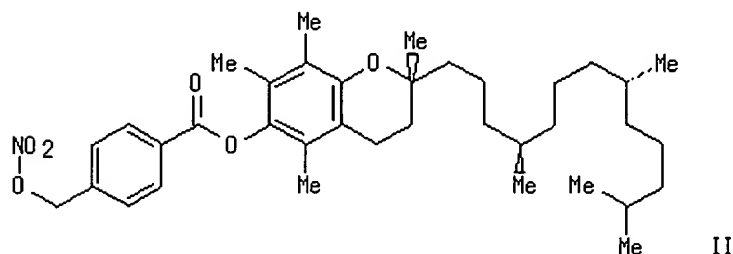
L7 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
-----------	-------------------

ACCESSION NUMBER:	2003:652131 HCAPLUS
DOCUMENT NUMBER:	139:214237
TITLE:	Preparation of nitrate prodrugs able to release nitric oxide in a controlled and selective way and their use for prevention and treatment of inflammatory, ischemic and proliferative diseases
INVENTOR(S):	Scaramuzzino, Giovanni
PATENT ASSIGNEE(S):	Italy
SOURCE:	Eur. Pat. Appl., 313 pp. CODEN: EPXXDW
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1
<u>PATENT INFORMATION:</u>	

no

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1336602	A1	20030820	EP 2002-425075	20020213
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
<u>PRIORITY APPLN. INFO.:</u>			EP 2002-425075	20020213
GI				



AB New pharmaceutical compds. of general formula F-(X)_q (I) [q = 1-5, preferably 1; F is chosen among drugs such as δ -tocopherol, clidanac, diethylhomospermine, glucosamine, thymocartin, vofopitant, etc.; X is chosen among 4 groups M, T, V, and Y where M = ONO₂, nitrate salt, nitrite ester, ONO, thionitrite, SNO, etc., T = OR₁-M, OR₁OR₁-M, SR₁NR₂R₁-M, NR₂R₁-M, NR₂R₁SR₁-M, etc., R₁ = satd. or unsatd., linear or branched alkylene, having 1 to 21 carbon atoms or a satd. or unsatd., optionally heterosubstituted or branched cycloalkylene, having 3 to 7 carbon atoms or an optionally heterosubstituted arylene having 3 to 7 carbon atoms; R₂ = H, satd. or unsatd., linear or branched 1-21 carbon atom alkyl, satd. or unsatd. optionally heterosubstituted or branched 3-7 carbon cycloalkyl, optionally heterosubstituted 3-7 carbon aryl; R₁, R₂ = OH, SH, F, Cl, Br, OPO₃H₂, CO₂H, etc.; bond between F and T = carboxylic ester, carboxylic amide, glycoside, azo, thioester, sulfonic ester, etc.; V = Z-M₂, OZ-M₂, NR₂Z-M₂, R₁Z-M₂, OR₁-M₂, OR₁Z-M₂, M₂ = M, R₁-M, OR₁-M, SR₁-M, NR₂R₁-M; ZM₂ = COCH₂CH(M₂)CH₂N+Me₃, COCH₂CH₂COM₂, COCH(NHR₂)CH₂M₂, etc.; Y = 4-COC₆H₄CH₂ONO₂, O(CH₂)₄ONO₂, COCH(NH₂)CH₂ONO₂, 3-OC₆H₄CH₂ONO₂, etc.] were prepd. For example, α -tocopherol reacted with 4-HO₂CC₆H₄CH₂ONO₂ to give the nitroxymethyl deriv. II. The compds. of general formula I are nitrate prodrugs which can release nitric oxide in vivo in a controlled and selective way and without hypotensive side effects and for this reason they are useful for the prepn. of medicines for prevention and treatment of inflammatory, ischemic, degenerative and proliferative diseases of musculoskeletal, tegumental, respiratory, gastrointestinal, genito-urinary and central nervous systems.

IT 586347-52-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of nitrate prodrugs for treating or preventing inflammatory, ischemic, degenerative, and proliferative diseases)

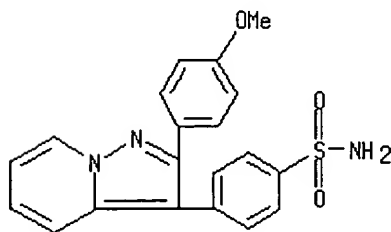
RN 586347-52-6 HCAPLUS

CN Benzenesulfonamide, 4-[2-(4-methoxyphenyl)pyrazolo[1,5-a]pyridin-3-yl]-, mononitrate (9CI) (CA INDEX NAME)

CM 1

CRN 340321-70-2

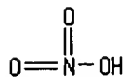
CMF C20 H17 N3 O3 S



CM 2

CRN 7697-37-2

CMF H N O3



REFERENCE COUNT:

19

THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

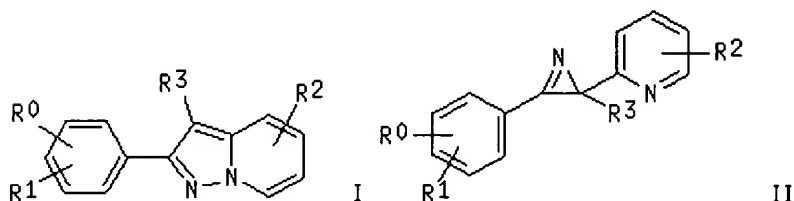
L7 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
-----------	-------------------

ACCESSION NUMBER: 2001:816663 HCAPLUS
 DOCUMENT NUMBER: 135:357918
 TITLE: Process for the preparation of pyrazolo[1,5-
 alpyridines
 INVENTOR(S): Fitzgerald, Russ N.; Jung, David Kendall; Eaddy, John F.
 PATENT ASSIGNEE(S): Glaxo Group Limited, UK
 SOURCE: PCT Int. Appl., 26 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001083479	A2	20011108	WO 2001-US13801	20010427
WO 2001083479	A3	20020523		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG EP 1276742 A2 20030122 EP 2001-932738 20010427 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR JP 2003531906 T2 20031028 JP 2001-580907 20010427 US 2003212275 A1 20031113 US 2002-258679 20021025 PRIORITY APPLN. INFO.: US 2000-200400P P 20000428 WO 2001-US13801 W 20010427				

OTHER SOURCE(S): CASREACT 135:357918; MARPAT 135:357918
 GI



AB The title compds. [I; R0, R1 = H, halo, alkyl, etc.; R2 = H, alkyl, alkyl substituted by one or more fluorine atoms, etc.; R3 = H, Ph substituted by SO2(alkyl) or SO2NH2] were prepd. by rearrangement of an azirine II or a protected deriv. thereof, in the presence of a catalyst and a solvent. Thus, treating a soln. of 1-(3-fluorophenyl)-2-(5-trifluoromethyl-2-pyridyl)ethanone oxime (prepn. given) and Et3N in CH2Cl2 with TFAA followed by rearrangement of the resulting azirine II [R0 = 3-F; R1, R3 = H; R2 = 5-CF3] in the presence of FeCl2 in DME afforded I [R0 = 3-F; R1,

R3 = H; R2 = 6-CF3].

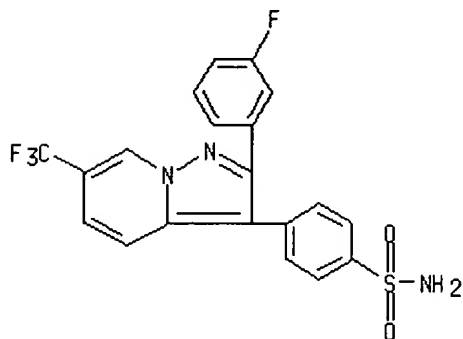
IT **267235-56-3P**

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(process for the prepn. of pyrazolo[1,5-a]pyridines)

RN 267235-56-3 HCAPLUS

CN Benzenesulfonamide, 4-[2-(3-fluorophenyl)-6-(trifluoromethyl)pyrazolo[1,5-a]pyridin-3-yl]- (9CI) (CA INDEX NAME)



L7 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
-----------	-------------------

ACCESSION NUMBER: 2001:371567 HCAPLUS

DOCUMENT NUMBER: 135:5612

TITLE: Preparation of new pyrazolo terpyridines as remedies for inflammation, autoimmune diseases

INVENTOR(S): Yamamoto, Hirofumi; Takahashi, Fumie; Kato, Takeshi; Nakamura, Katsuya; Manabe, Koji

PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 64 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

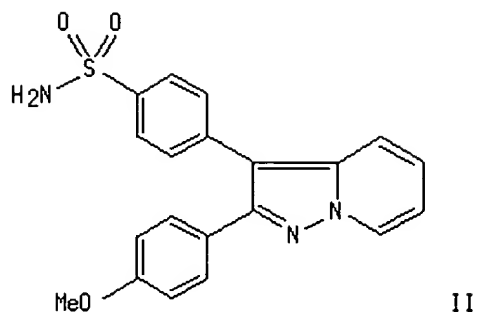
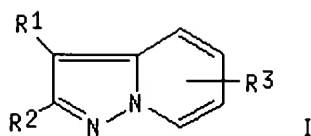
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001139575	A2	20010522	JP 1999-323692	19991115
PRIORITY APPLN. INFO.:			JP 1999-323692	19991115
OTHER SOURCE(S):			MARPAT 135:5612	
GI				

no



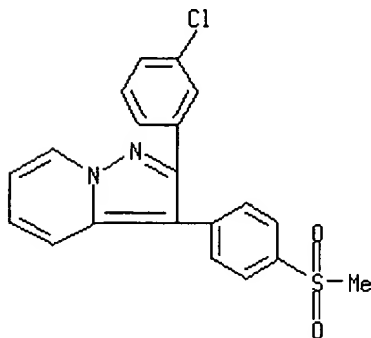
AB The pyrazolo terpyridine or that salt which is cyclooxygenase - 2 (COX-II) inhibitors, those prodn. methods, the medicine compn., and the person or the animal which contain those inflammation condition, u painfully, prevention of the autoimmune disease and / or the method of treating is offered. Below-mentioned general formula (I) [in the formula, the R1 and the R2, the resp. hydrogen, the hydrogen, the low-grade alkyl group and the halogen et cetera, mean, R3 such as low-grade alkyl group and the cyclo (low grade) alkyl group resp.] So the chem. compd. which is displayed or that salt.

IT 340321-35-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of new pyrazolo terpyridines as remedies for inflammation autoimmune diseases)

RN 340321-35-9 HCAPLUS

CN Pyrazolo[1,5-a]pyridine, 2-(3-chlorophenyl)-3-[4-(methylsulfonyl)phenyl]-(9CI) (CA INDEX NAME)



=> file caold

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
40.37	197.68

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-4.85	-4.85

FILE 'CAOLD' ENTERED AT 14:04:35 ON 02 JUN 2004
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907-1966
 FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

(FILE 'HOME' ENTERED AT 13:59:40 ON 02 JUN 2004)

FILE 'REGISTRY' ENTERED AT 13:59:46 ON 02 JUN 2004

L1 STRUCTURE UPLOADED
 L2 7 S L1
 L3 148 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 14:03:02 ON 02 JUN 2004

L4 7 S L3
 L5 0 S L4 AND BAXTER, I?/AU
 L6 4 S L4 AND NAYLOR, A?/AU
 L7 3 S L4 NOT L6

FILE 'CAOLD' ENTERED AT 14:04:35 ON 02 JUN 2004

=> s 13

L8 0 L3

=>